U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PA0508DGA03

DECLARATION FOR UTILITY OR  DESIGN PATENT APPLICATION			First Named Inventor	Jesse B. Griggs					
			COMPLETE IF KNOWN						
(37 CF	R 1.63)	·	Application Number						
Declaration Submitted OR With Initial	Declaration		Filing Date	09/30/03					
	Submitted Filing (sun	after Initial -	Art Unit						
Filing	(37 CFR 1 required)	1.16 (e))	Examiner Name						
		· · · · · · · · · · · · · · · · · · ·							
I hereby declare that:									
Each inventor's residence, ma	iling address, and	d citizenship are a	is stated below next to	their name.					
I believe the inventor(s) named which a patent is sought on the			inventor(s) of the subje	ct matter which is claimed and for					
ACTIVE DAMPENING	ORBIT STO	PPER FOR (	CZOCHRALSKI C	RSYTAL GROWTH					
the specification of which		(Title of the	Invention)						
			•						
				:					
OR									
was filed on (MM/DD/YYYY) as United States Application Number or PCT International									
Application Number		and was amended	d on (MM/DD/YYYY)	(if applicable).					
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as									
			of the above identified	amended by any amendment specifically referred to above.					
			or the above lacitalies						
amended by any amendment of acknowledge the duty to di	specifically referr	ed to above. on which is mate	rial to patentability as	defined in 37 CFR 1.56, including for					
I acknowledge the duty to dicontinuation-in-part application and the national or PCT intern	specifically referr sclose informations, material infor ational filing date	ed to above.  on which is mater  mation which bece of the continuation	rial to patentability as came available between on-in-part application.	the filing date of the prior application					
amended by any amendment of acknowledge the duty to discontinuation-in-part application and the national or PCT intermal hereby claim foreign priority	specifically referred sclose informations, material informational filing date benefits under	ed to above.  on which is mater mation which bece of the continuation 35 U.S.C. 119(a)	rial to patentability as came available between on-in-part application. (-(d) or (f), or 365(b) or	f any foreign application(s) for patent,					
amended by any amendment of acknowledge the duty to discontinuation-in-part application and the national or PCT intermal hereby claim foreign priority inventor's or plant breeder's recountry other than the United	specifically referred sclose informations, material informational filing date benefits under ights certificate(s States of Americ	ed to above.  on which is mater mation which bece of the continuation  35 U.S.C. 119(a)  i), or 365(a) of an ica, listed below an	rial to patentability as came available between on-in-part application. -(d) or (f), or 365(b) or y PCT international ap d have also identified b	on the filing date of the prior application of any foreign application(s) for patent, plication which designated at least one pelow, by checking the box, any foreign					
amended by any amendment of acknowledge the duty to discontinuation-in-part application and the national or PCT intermal hereby claim foreign priority inventor's or plant breeder's recountry other than the United	specifically referred sclose informations, material informational filing date benefits under ights certificate(softs of Americally or plant breed	ed to above.  on which is mater mation which bece of the continuation 35 U.S.C. 119(a) b), or 365(a) of an ital, listed below an er's rights certifica	rial to patentability as came available between on-in-part application. -(d) or (f), or 365(b) or y PCT international ap d have also identified b	the filing date of the prior application f any foreign application(s) for patent, plication which designated at least one					
amended by any amendment of acknowledge the duty to discontinuation-in-part application and the national or PCT intermal. I hereby claim foreign priority inventor's or plant breeder's recountry other than the United application for patent, inventor before that of the application of Prior Foreign Application.	specifically referred sclose informations, material informational filing date benefits under ights certificate(so States of Americal or which priority is specifically in the second sec	on which is mater mation which because of the continuation 35 U.S.C. 119(a) b), or 365(a) of an ica, listed below an ier's rights certificates s claimed.	rial to patentability as came available between on-in-part application.  O(d) or (f), or 365(b) or y PCT international applications, or any PCT international applicate(s), or any PCT international pate	f any foreign application(s) for patent, plication which designated at least one pelow, by checking the box, any foreign mational application having a filing date rity  Certified Copy Attached?					
amended by any amendment of acknowledge the duty to discontinuation-in-part application and the national or PCT intermal. I hereby claim foreign priority inventor's or plant breeder's recountry other than the United application for patent, inventor before that of the application of	specifically referred sclose informations, material informational filing date benefits under ights certificate(softs of Americally or plant breed	ed to above.  on which is mater mation which bece of the continuation  35 U.S.C. 119(a)  b), or 365(a) of an  ca, listed below an  er's rights certificates  s claimed.	rial to patentability as came available between on-in-part application.  O(d) or (f), or 365(b) or y PCT international applications, or any PCT international applicate(s), or any PCT international pate	f any foreign application(s) for patent, plication which designated at least one pelow, by checking the box, any foreign mational application having a filing date rity  Certified Copy Attached?					
amended by any amendment of acknowledge the duty to discontinuation-in-part application and the national or PCT intermal. I hereby claim foreign priority inventor's or plant breeder's recountry other than the United application for patent, inventor before that of the application of Prior Foreign Application.	specifically referred sclose informations, material informational filing date benefits under ights certificate(so States of Americal or which priority is specifically in the second sec	on which is mater mation which because of the continuation 35 U.S.C. 119(a) b), or 365(a) of an ica, listed below an ier's rights certificates s claimed.	rial to patentability as came available between on-in-part application.  O(d) or (f), or 365(b) or y PCT international applications, or any PCT international applicate(s), or any PCT international pate	f any foreign application(s) for patent, plication which designated at least one pelow, by checking the box, any foreign mational application having a filing date rity  Certified Copy Attached?					
amended by any amendment of acknowledge the duty to discontinuation-in-part application and the national or PCT intermal. I hereby claim foreign priority inventor's or plant breeder's recountry other than the United application for patent, inventor before that of the application of Prior Foreign Application.	specifically referred sclose informations, material informational filing date benefits under ights certificate(so States of Americal or which priority is specifically in the second sec	on which is mater mation which because of the continuation 35 U.S.C. 119(a) b), or 365(a) of an ica, listed below an ier's rights certificates s claimed.	rial to patentability as came available between on-in-part application.  O(d) or (f), or 365(b) or y PCT international applications, or any PCT international applicate(s), or any PCT international pate	f any foreign application(s) for patent, plication which designated at least one pelow, by checking the box, any foreign mational application having a filing date rity  Certified Copy Attached?					
amended by any amendment of acknowledge the duty to discontinuation-in-part application and the national or PCT intermal. I hereby claim foreign priority inventor's or plant breeder's recountry other than the United application for patent, inventor before that of the application of Prior Foreign Application.	specifically referred sclose informations, material informational filing date benefits under ights certificate(so States of Americal or which priority is specifically in the second sec	on which is mater mation which because of the continuation 35 U.S.C. 119(a) b), or 365(a) of an ica, listed below an ier's rights certificates s claimed.	rial to patentability as came available between on-in-part application.  O(d) or (f), or 365(b) or y PCT international applications, or any PCT international applicate(s), or any PCT international pate	f any foreign application(s) for patent, plication which designated at least one pelow, by checking the box, any foreign mational application having a filing date rity  Certified Copy Attached?					
amended by any amendment of acknowledge the duty to discontinuation-in-part application and the national or PCT interm.  I hereby claim foreign priority inventor's or plant breeder's recountry other than the United application for patent, inventor before that of the application of Prior Foreign Application Number(s)	specifically referred sclose informations, material informational filing date benefits under ights certificate(s) States of Americally on which priority in Country	ed to above.  on which is mater mation which becard the continuation of the continuati	rial to patentability as came available between on-in-part application.  I-(d) or (f), or 365(b) or y PCT international applicational applications of the control of the co	f any foreign application(s) for patent, plication which designated at least one pelow, by checking the box, any foreign mational application having a filing date rity  Certified Copy Attached?					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Attorney Docket Number

[Page 1 of 2]
This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/01 (06-03)
Approved for use through 07/31/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## **DECLARATION** — Utility or Design Patent Application

Direct all correspondence to:	all correspondence to: Customer Number: 025		25691		OR		Corresp	oondence address below	
Name		-							
Address									
City				State					ZIP
Country		Telephone				Fax			
I hereby declare that all statem and belief are believed to be statements and the like so mad false statements may jeopardiz	e true; and fur de are punishal	ther that th ble by fine o	ese state or imprisc	ement nmen	s were	made th, und	with the	the kno	wledge that willful false
NAME OF SOLE OR FIRST IN	VENTOR:		Пар	etition	has be	en filed	for this	s unsiar	ned inventor
Given Name (first and middle [if any]) Jesse B.				Family Name or Surname Griggs					
Inventor's Signature	B of min								Date 9/29/03
Residence: City Vancouver	State WA		Cour Clark			Citizer U.S.A.	nship		
Mailing Address 17813 N.E. 27th Street									
City	State		ZIP					Country	
Vancouver	WA			,	98684				U.S.A.
NAME OF SECOND INVENTOR:  A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any]) Robert L.						mily N Sumai			
Inventor's Signature Zhert L	Faulcon	or							Date 9-29-03
Residence: City	· · · · · · · · · · · · · · · · · · ·			Country Citize				Citizer	nship
Vancouver	WA			Clark U.S.A.					
Mailing Address 9208 N.E. 90th Street									
City	State				ZIP			Count	гу
Vancouver	WA				98662 U.S.A.				
Additional inventors or a legal representative are being named on thesupplemental sheet(s) PTO/SB/02A or 02LR attached hereto.									

PTO/SB/81 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are r	equired to respond to a collection of info	ormation unless it displays a valid OMB control number.		
POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number			
	Filing Date			
	First Named Inventor	Jesse B. Griggs		
	Title	Active Dampening Orbit Stopper		
	Art Unit			
	Examiner Name			
	Attorney Docket Number	PA0508DGA03		

I hereby appoint:					
Practitioners associated with the Customer Number:	025691				
OR					
Practitioner(s) named below:					
Name		Registration Number			
as my/our attorney(s) or agent(s) to prosecute the application Trademark Office connected therewith.	identified above, and to transa	ct all business in the United States Patent and			
Please recognize or change the correspondence address for	the above-identified application	ı to:			
The address associated with the above-mentioned (	Sustomer Number:	•			
OR					
The address associated with Customer Number:					
The address associated with Customer Number:					
OR Firm or					
Individual Name					
Address					
Address	I Ctoto I	1 7in 1			
City	State	Zip			
Country Telephone	Fax				
I am the:					
Applicant/Inventor.					
Assignee of record of the entire interest. See 37 CF	R 3 71				
Statement under 37 CFR 3.73(b) is enclosed. (Form					
SIGNATURE of Applicant or Assignee of Record					
Name Robert L. Faulconer					
Signature Robert L. Faulcour					
Date 9-29-03		Telephone 360-883-7500			
NOTE: Signatures of all the inventors or assignees of record of the enforms if more than one signature is required, see below*.	atire interest or their representative(s	s) are required. Submit multiple			
*Total of 2 forms are submitted.					

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents P.O. Box 1450, Alexandria VA 22313-1450. ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/81 (09-03)
Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

## POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	mation unless it displays a valid OMB control number.
Filing Date	
First Named Inventor	Jesse B. Griggs
Title	Active Dampening Orbit Stopper
Art Unit	
Examiner Name	
Attorney Docket Number	PA0508DGA03

I hereby appoint:					
Practitioners associated with the Customer Number	ber:	02569	1		
OR				١	
Practitioner(s) named below:					
Name			Registration Nur	mber	
as my/our attorney(s) or agent(s) to prosecute the appl	ication identified above	, and to trai	nsact all business in t	the United States Patent and	
as my/our attorney(s) or agent(s) to prosecute the appli Trademark Office connected therewith.					
Please recognize or change the correspondence addre	ess for the above-identif	fied applica	tion to:		
The address associated with the above-menti	ioned Customer Numbe	эг:			
OR					
The 244	her				
The address associated with Customer Num	DEI.				
OR					
Firm or Individual Name					
Address					
Address		<del></del>			
City		State		Zip	
Country		Fax			
Telephone		Гах			
l am the:					
Applicant/Inventor.	27 CED 2 74				
Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)					
SIGNATURE of Applicant or Assignee of Record					
Name Jesse B. Griggs					
Signature Loss B Amar					
Date / 9/29/03 ()				0-883-7500	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.					
*Total of 2 forms are submitted.					

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.